

ABSTRACT

**METHOD TO SET UP A VOICE OVER INTERNET PROTOCOL
COMMUNICATION**

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The invention concerns a method to set up a voice over Internet Protocol communication between a mobile terminal (MT) and a second device (T2) whereby the voice over Internet Protocol communication comprises an air interface between the mobile terminal (MT) and a base station (BS) which is coupled via an access network and an Internet Protocol network to the second device (T2). The method comprises a step of determining, according to predefined rules and conditions, during call set-up appropriate values for a plurality of parameters which are characterizing the voice over Internet Protocol communication in order to realize a desired trade-off between a predefined user quality of said voice over Internet Protocol communication and a predefined bandwidth efficiency. (Figure)

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